

ABSTRACT OF THE DISCLOSURE

The present invention provides a manufacturing method of a liquid crystal display device capable of achieving uniform alignment of monostable ferroelectric liquid crystal having spontaneous polarization, and provides the liquid crystal display device. The liquid crystal (monostable ferroelectric liquid crystal having spontaneous polarization) showing a phase sequence, either isotropic liquid phase – cholesteric phase – chiral smectic C phase, 5 isotropic liquid phase – chiral nematic phase – chiral smectic C phase, or isotropic liquid phase – cholesteric phase – smectic A phase – chiral smectic C phase, from a high temperature side to a low temperature side, is sandwiched between two glass substrates having transparent electrodes and alignment films whose pretilt 10 angle is not more than 2° and rubbing directions are parallel. In an alignment treatment which is performed to obtain a monostable state after heating the liquid crystal, an electric field with electric field strength of not less than 2 V/μm is applied in the vicinity of the transition temperature from a higher temperature phase than 15 chiral smectic C phase to the chiral smectic C phase.

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